

Eastern Research Group 601 Keystone Park Drive Suite 700 Morrisville, NC 27560

December 21, 2018

Ms. Doris Chen & Ms. Fran Verhalen
U.S. Environmental Protection Agency - OAQPS
109 T.W. Alexander Drive, Mail Code: C304-06

RTP, NC 27709

Project Name: Chloroprene

Dear Ms. Doris Chen & Ms. Fran Verhalen,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 11/19/18 10:43 through 12/04/18 10:39.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift Program Manager julie.swift@erg.com

The information contained in this report and its attachment(s) are intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this report is strictly prohibited. If you have received this report in error, please notify julie.swift@erg.com and delete the report without retaining any copies.



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	<u>Received</u>
Levee C1	8111918-01	Air	11/15/18 14:16	11/19/18 10:43
Levee C2	8111918-02	Air	11/15/18 14:16	11/19/18 10:43
Acorn and Hwy 44	8111918-03	Air	11/15/18 14:13	11/19/18 10:43
East St. John the Baptist Hig	8111918-04	Air	11/15/18 14:01	11/19/18 10:43
238 Chad Baker	8111918-05	Air	11/15/18 14:23	11/19/18 10:43
Fifth Ward Elementary School	8111918-06	Air	11/15/18 14:20	11/19/18 10:43
Ochsner Hospital	8111918-07	Air	11/15/18 14:05	11/19/18 10:43
Levee	8112111-01	Air	11/18/18 14:35	11/21/18 09:57
Acorn and Hwy 44	8112111-02	Air	11/18/18 14:32	11/21/18 09:57
Ochsner Hospital	8112111-03	Air	11/18/18 14:26	11/21/18 09:57
238 Chad Baker C1	8112111-04	Air	11/18/18 14:41	11/21/18 09:57
238 Chad Baker C2	8112111-05	Air	11/18/18 14:41	11/21/18 09:57
Fifth Ward Elementary School	8112111-06	Air	11/18/18 14:38	11/21/18 09:57
East St. John the Baptist Hig	8112111-07	Air	11/18/18 14:22	11/21/18 09:57
Fifth Ward Elementary School	8112631-01	Air	11/21/18 15:33	11/26/18 11:33
East St. John the Baptist Hig	8112631-02	Air	11/21/18 15:08	11/26/18 11:33
Levee C1	8112631-03	Air	11/21/18 15:30	11/26/18 11:33
Levee C2	8112631-04	Air	11/21/18 15:30	11/26/18 11:33
238 Chad Baker	8112631-05	Air	11/21/18 15:36	11/26/18 11:33
Acorn and Hwy 44	8112631-06	Air	11/21/18 15:23	11/26/18 11:33
Ochsner Hospital	8112631-07	Air	11/21/18 15:15	11/26/18 11:33
Levee	8112701-01	Air	11/24/18 12:30	11/27/18 10:03
Ochsner Hospital	8112701-02	Air	11/24/18 12:16	11/27/18 10:03

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The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

SITE CODE: Chloroprene 238 Chad Baker 8112701-03 Air 11/24/18 12:36 11/27/18 10:03 Acorn and Hwy 44 8112701-04 Air 11/24/18 12:26 11/27/18 10:03 East St. John the Baptist Hig 8112701-05 Air 11/24/18 12:11 11/27/18 10:03 Fifth Ward Elementary School 8112701-06 Air 11/24/18 12:33 11/27/18 10:03 Fifth Ward Elementary School 8112901-01 Air 11/24/18 12:33 11/29/18 12:02 East St. John the Baptist Hig 11/30/18 14:50 12/04/18 10:39 8120423-01 Air East St. John the Baptist Hig 8120423-02 Air 11/30/18 14:50 12/04/18 10:39 11/30/18 15:08 12/04/18 10:39 Levee 8120423-03 Air Ochsner Hospital 8120423-04 Air 11/30/18 14:55 12/04/18 10:39 238 Chad Baker 8120423-05 Air 11/30/18 15:15 12/04/18 10:39 Fifth Ward Elementary Scho

8120423-06 Air 11/30/18 15:10 12/04/18 10:39 Acorn and Hwy 44 8120423-07 Air 11/30/18 15:04 12/04/18 10:39



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FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C1
 Lab ID:
 8111918-01
 Sampled: 11/15/18 14:16

 Pressure @ Receipt:
 6.00" Hg
 Canister #:
 SAT185
 Received: 11/19/18 10:43

 Comments:
 Col 1 PR-26 Start 13:59 11/14/18
 Analyzed: 11/20/18 02:20

Air Toxics by EPA Compendium Method TO-15



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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C2
 Lab ID:
 8111918-02
 Sampled: 11/15/18 14:16

 Pressure @ Receipt:
 7.50" Hg
 Canister #:
 A21007
 Received: 11/19/18 10:43

 Comments:
 Col 2 PR-28 Start 13:59 11/14/18
 Analyzed: 11/20/18 07:40

Air Toxics by EPA Compendium Method TO-15



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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Acorn and Hwy 44

Pressure @ Receipt: 6.00" Hg

Comments: PR-17 Start 13:54 11/14/18

Lab ID: 8111918-03

Canister #: SAT026

SITE CODE: Chloroprene

FILE #: 0344.00

AQS SITE CODE:

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

Sampled: 11/15/18 14:13 **Received:** 11/19/18 10:43

Analyzed: 11/20/18 09:43

Air Toxics by EPA Compendium Method TO-15

Results ppbv ug/m³

<u>Flag</u>

MDL ppbv

Analyte Chloroprene

ND

ND

U

0.0129



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Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: East St. John the Baptist High

Pressure @ Receipt: 6.00" Hg

Comments: PR-22 Start 13:40 11/14/18

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Sampled: 11/15/18 14:01

Received: 11/19/18 10:43 Analyzed: 11/20/18 10:44

Air Toxics by EPA Compendium Method TO-15

8111918-04

Results ppbv ug/m³

ND

ND

<u>Flag</u>

Canister #: 5128

Lab ID:

MDL ppbv 0.0129

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RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 8111918-05
 Sampled: 11/15/18 14:23

 Pressure @ Receipt:
 6.50" Hg
 Canister #:
 5046
 Received: 11/19/18 10:43

 Comments:
 PR-24 Start 14:07 11/14/18
 Analyzed: 11/20/18 11:46

Air Toxics by EPA Compendium Method TO-15

 $\begin{array}{c|ccccc} & & & & & & & & & & & \\ \hline \textbf{Analyte} & & \textbf{ppbv} & \textbf{ug/m}^3 & & \textbf{Flag} & & \textbf{ppbv} \\ \hline \textbf{Chloroprene} & & \textbf{ND} & & \textbf{ND} & & \textbf{U} & & 0.0129 \\ \end{array}$



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Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Fifth Ward Elementary School

Pressure @ Receipt: 5.00" Hg

Comments: PR-1 Start 14:04 11/14/18

Results **Analyte** ppbv ug/m³

ND ND

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Sampled: 11/15/18 14:20

Received: 11/19/18 10:43 **Analyzed:** 11/27/18 16:08

Air Toxics by EPA Compendium Method TO-15 MDL

8111918-06

Canister #: SAT020

<u>Flag</u> ppbv U 0.0129

Lab ID:



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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital
 Lab ID:
 8111918-07
 Sampled: 11/15/18 14:05

 Pressure @ Receipt:
 7.00" Hg
 Canister #:
 5043
 Received: 11/19/18 10:43

 Comments:
 PR-18 Start 13:43 11/14/18
 Analyzed: 11/27/18 17:09

Air Toxics by EPA Compendium Method TO-15

 $\begin{array}{c|ccccc} & & & & & & & & & & & \\ \hline \textbf{Analyte} & & \textbf{ppbv} & \textbf{ug/m}^3 & & \textbf{Flag} & & \textbf{ppbv} \\ \hline \textbf{Chloroprene} & & \textbf{ND} & & \textbf{ND} & & \textbf{U} & & 0.0129 \\ \end{array}$



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Description: Levee

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 9.00" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Lab ID: 8112111-01 Sampled: 11/18/18 14:35 **Canister #:** A21044 **Received:** 11/21/18 09:57 **Comments:** PR-28 Start 14:17 11/17/18 **Analyzed:** 11/27/18 18:12

Air Toxics by EPA Compendium Method TO-15

MDL Results **Analyte** ppbv ug/m³ <u>Flag</u> ppbv 0.267 0.97 0.0129 Chloroprene



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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Acorn and Hwy 44
 Lab ID:
 8112111-02
 Sampled: 11/18/18 14:32

 Pressure @ Receipt:
 8.00" Hg
 Canister #:
 5029
 Received: 11/21/18 09:57

 Comments:
 PR-17 Start 14:14 11/17/18
 Analyzed: 11/27/18 19:14

Air Toxics by EPA Compendium Method TO-15



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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Ochsner Hospital
 Lab ID:
 8112111-03
 Sampled: 11/18/18 14:26

 Pressure @ Receipt:
 8.00" Hg
 Canister #:
 19644
 Received: 11/21/18 09:57

 Comments:
 PR-18 Start 14:07 11/17/18
 Analyzed: 11/27/18 20:16

Air Toxics by EPA Compendium Method TO-15



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Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: 238 Chad Baker C1 Pressure @ Receipt: 7.00" Hg

Comments: Col 1 PR-1 Start 14:24 11/17/18

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

> **Sampled:** 11/18/18 14:41 Received: 11/21/18 09:57 **Analyzed:** 11/27/18 21:18

Air Toxics by EPA Compendium Method TO-15

8112111-04

Canister #: SAT069

MDL **Results** ppbv ug/m³ <u>Flag</u> ppbv 2.39 8.67 0.0129

Lab ID:



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ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -**Description:** 238 Chad Baker C2

Pressure @ Receipt: 8.50" Hg

SITE CODE: Chloroprene

FILE #: 0344.00

AQS SITE CODE:

Lab ID: 8112111-05 **Sampled:** 11/18/18 14:41 **Canister #:** 5051 Received: 11/21/18 09:57 **Comments:** Col 2 PR-26 Start 14:24 11/17/18 **Analyzed:** 11/27/18 23:22

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

Air Toxics by EPA Compendium Method TO-15

<u>MDL</u> Results **Analyte** ppbv ug/m³ <u>Flag</u> ppbv 2.30 8.35 0.0129 Chloroprene



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Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: Fifth Ward Elementary School

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 7.00" Hg

Comments: PR-22 Start 14:21 11/17/18

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Sampled: 11/18/18 14:38

Received: 11/21/18 09:57 **Analyzed:** 11/28/18 01:27

Air Toxics by EPA Compendium Method TO-15

8112111-06

Results

1.90

<u>Flag</u>

Canister #: SAT137

MDL ppbv

ppbv ug/m³ 6.89 0.0129

Lab ID:



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RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 8.00" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Description: East St. John the Baptist High Lab ID: 8112111-07 Sampled: 11/18/18 14:22 **Canister #:** 5009 Received: 11/21/18 09:57 **Comments:** PR-24 Start 14:03 11/17/18 **Analyzed:** 11/28/18 02:29

Air Toxics by EPA Compendium Method TO-15

MDL Results **Analyte** ppbv ug/m³ <u>Flag</u> ppbv ND 0.0129 Chloroprene ND



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RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: Fifth Ward Elementary School

Comments: PR-22 Start 15:32 11/20/18

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 6.50" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 8112631-01
 Sampled: 11/21/18 15:33

 Canister #:
 A21046
 Received: 11/26/18 11:33

 Analyzed:
 11/28/18 03:31

Air Toxics by EPA Compendium Method TO-15 sults MDL

Results
ppbv ug/m³

laa

 ppbv
 ug/m³
 Flag
 ppbv

 0.0607
 0.22
 0.0129



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FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 8112631-02
 Sampled: 11/21/18 15:08

 Pressure @ Receipt:
 6.50" Hg
 Canister #:
 A21077
 Received: 11/26/18 11:33

 Comments:
 PR-24 Start 15:08 11/20/18
 Analyzed: 11/28/18 04:34

Air Toxics by EPA Compendium Method TO-15



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109 T.W. Alexander Drive, Mail Code: C304-0

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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C1
 Lab ID:
 8112631-03
 Sampled: 11/21/18 15:30

 Pressure @ Receipt:
 7.00" Hg
 Canister #:
 A21022
 Received: 11/26/18 11:33

 Comments:
 Col 1 PR-26 Start 15:27 11/20/18
 Analyzed: 11/28/18 05:36

Air Toxics by EPA Compendium Method TO-15



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PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee C2
 Lab ID:
 8112631-04
 Sampled: 11/21/18 15:30

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 A21000
 Received: 11/26/18 11:33

 Comments:
 Col 2 PR-28 Start 15:27 11/20/18
 Analyzed: 11/28/18 07:42

Air Toxics by EPA Compendium Method TO-15



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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 8112631-05
 Sampled: 11/21/18 15:36

 Pressure @ Receipt:
 7.50" Hg
 Canister #:
 5064
 Received: 11/26/18 11:33

 Comments:
 PR-1 Start 15:36 11/20/18
 Analyzed: 11/28/18 09:49

Air Toxics by EPA Compendium Method TO-15



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-17 Start 15:23 11/20/18

PHONE: (919) 541-4957 **FAX:** - **Description:** Acorn and Hwy 44

Pressure @ Receipt: 7.00" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 8112631-06
 Sampled: 11/21/18 15:23

 Canister #:
 A21006
 Received: 11/26/18 11:33

 Analyzed:
 11/28/18 10:51

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	Res		<u>MDL</u>		
	<u>ppbv</u>	ug/m³	<u>Flag</u>	<u>ppbv</u>	
Chloroprene	ND	ND	U	0.0129	



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

Description: Ochsner Hospital

Pressure @ Receipt: 7.00" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Lab ID: 8112631-07 **Sampled:** 11/21/18 15:15 **Canister #: 2243 Received:** 11/26/18 11:33 **Comments:** PR-18 Start 15:15 11/20/18 **Analyzed:** 11/28/18 11:54

Air Toxics by EPA Compendium Method TO-15

MDL **Results Analyte** ppbv ug/m³ <u>Flag</u> ppbv ND 0.0129 Chloroprene ND



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Description: Levee

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Lab ID: 8112701-01 Sampled: 11/24/18 12:30 Canister #: SAT177 Pressure @ Receipt: 9.50" Hg **Received:** 11/27/18 10:03 **Comments:** PR-28 Start 12:27 11/23/18 **Analyzed:** 12/15/18 16:22

Air Toxics by EPA Compendium Method TO-15

MDL **Results Analyte** ppbv ug/m³ <u>Flag</u> ppbv 0.334 1.21 0.0129 Chloroprene



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109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-18 Start 12:16 11/23/18

PHONE: (919) 541-4957 **FAX:** -

Description: Ochsner Hospital

Pressure @ Receipt: 8.50" Hg

REPORTED: 12

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

FILE #: 0344.00

SITE CODE: Chloroprene

 Lab ID:
 8112701-02
 Sampled: 11/24/18 12:16

 Canister #:
 A21067
 Received: 11/27/18 10:03

 Analyzed:
 12/15/18 17:24

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.0429
 0.16
 0.0129

Eastern Research Group

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 8112701-03
 Sampled: 11/24/18 12:36

 Pressure @ Receipt:
 8.00" Hg
 Canister #:
 0049
 Received: 11/27/18 10:03

 Comments:
 PR-1 Start 12:34 11/23/18
 Analyzed: 12/15/18 18:26

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

Analyte

Chloroprene

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-17 Start 12:24 11/23/18

PHONE: (919) 541-4957 **FAX:** - **Description:** Acorn and Hwy 44

Pressure @ Receipt: 8.50" Hg

SUBMITTED: 11/19/18 to 12/04/18 alen AQS SITE CODE:

SITE CODE: Chloroprene

REPORTED: 12/21/18 14:56

FILE #: 0344.00

 Lab ID:
 8112701-04
 Sampled: 11/24/18 12:26

 Canister #:
 A21078
 Received: 11/27/18 10:03

 Analyzed:
 12/15/18 19:28

Air Toxics by EPA Compendium Method TO-15

 Results
 MDL

 ppbv
 ug/m³
 Flag
 ppbv

 0.0429
 0.16
 0.0129

Eastern Research Group

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 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: East St. John the Baptist High

Comments: PR-24 Start 12:11 11/23/18

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 7.50" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 8112701-05
 Sampled: 11/24/18 12:11

 Canister #:
 SAT138
 Received: 11/27/18 10:03

 Analyzed:
 12/15/18 20:30

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Fifth Ward Elementary School
 Lab ID:
 8112701-06
 Sampled: 11/24/18 12:33

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 SAT007
 Received: 11/27/18 10:03

 Comments:
 Col 1 PR-26 Start 12:31 11/23/18
 Analyzed: 12/15/18 21:33

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Fifth Ward Elementary School
 Lab ID:
 8112901-01
 Sampled: 11/24/18 12:33

 Pressure @ Receipt:
 8.00" Hg
 Canister #:
 A21107
 Received: 11/29/18 12:02

 Comments:
 Col 2 PR-22 Start 12:31 11/23/18
 Analyzed: 12/15/18 23:37

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 8120423-01
 Sampled: 11/30/18 14:50

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 SAT009
 Received: 12/04/18 10:39

 Comments:
 Col 1 PR-26 Start 14:49 11/29/18
 Analyzed: 12/16/18 01:41

Air Toxics by EPA Compendium Method TO-15



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 East St. John the Baptist High
 Lab ID:
 8120423-02
 Sampled: 11/30/18 14:50

 Pressure @ Receipt:
 8.00" Hg
 Canister #:
 A21097
 Received: 12/04/18 10:39

 Comments:
 Col 2 PR-24 Start 14:49 11/29/18
 Analyzed: 12/16/18 03:45

Air Toxics by EPA Compendium Method TO-15



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 Levee
 Lab ID:
 8120423-03
 Sampled: 11/30/18 15:08

 Pressure @ Receipt:
 10.00" Hg
 Canister #:
 5072
 Received:
 12/04/18 10:39

 Comments:
 PR-28 Start 15:05 11/29/18
 Analyzed:
 12/16/18 05:50

Air Toxics by EPA Compendium Method TO-15



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Comments: PR-18 Start 14:55 11/29/18

PHONE: (919) 541-4957 **FAX:** -

Description: Ochsner Hospital

Pressure @ Receipt: 8.50" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 8120423-04
 Sampled: 11/30/18 14:55

 Canister #:
 SAT041
 Received: 12/04/18 10:39

 Analyzed:
 12/16/18 06:52

Air Toxics by EPA Compendium Method TO-15



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Description:
 238 Chad Baker
 Lab ID:
 8120423-05
 Sampled: 11/30/18 15:15

 Pressure @ Receipt:
 8.50" Hg
 Canister #:
 5059
 Received: 12/04/18 10:39

 Comments:
 PR-1 Start 15:11 11/29/18
 Analyzed: 12/16/18 07:53

Air Toxics by EPA Compendium Method TO-15



 $\hbox{U.S. Environmental Protection Agency - OAQPS}\\$

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

Description: Fifth Ward Elementary School

Comments: PR-22 Start 15:08 11/29/18

PHONE: (919) 541-4957 **FAX:** -

Pressure @ Receipt: 8.00" Hg

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

 Lab ID:
 8120423-06
 Sampled:
 11/30/18 15:10

 Canister #:
 A21083
 Received:
 12/04/18 10:39

 Analyzed:
 12/16/18 08:55

Air Toxics by EPA Compendium Method TO-15

 $\begin{array}{c|ccccc} & & & & & & & & & & & \\ \hline \textbf{Analyte} & & \textbf{ppbv} & \textbf{ug/m}^3 & & \textbf{Flag} & & \textbf{ppbv} \\ \hline \textbf{Chloroprene} & & \textbf{ND} & & \textbf{ND} & & \textbf{U} & & 0.0129 \\ \end{array}$



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -**Description:** Acorn and Hwy 44

Pressure @ Receipt: 9.50" Hg

Comments: PR-17 Start 15:01 11/29/18

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

> Sampled: 11/30/18 15:04 Received: 12/04/18 10:39

> > **Analyzed:** 12/16/18 09:57

Air Toxics by EPA Compendium Method TO-15

8120423-07

Lab ID:

Canister #: 5091

MDL Results **Analyte** ppbv ug/m³ <u>Flag</u> ppbv ND 0.0129 Chloroprene ND



U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
Air Toxics by EPA Compendiun Batch B8K1904 - Summa Canister		- Quality Con	trol			
Blank (B8K1904-BLK1)			Prepared & Analyzed	d: 11/19/18		
Chloroprene	ND	ppbv				U
Duplicate (B8K1904-DUP3)	Source: 8111918-01 Pr		Prepared: 11/15/18	Analyzed: 11/20/18		
Chloroprene	0.208	ppbv	0.20	2.19	25	
Duplicate (B8K1904-DUP4)	Source:	8111918-02	Prepared: 11/15/18	Analyzed: 11/20/18		
Chloroprene	0.208	ppbv	0.20	2.19	25	
Batch B8K2705 - Summa Canister	Prep					
Blank (B8K2705-BLK1)	Prepared & Analyzed: 11/27/18					
Chloroprene	ND	ppbv		<u> </u>		U
Duplicate (B8K2705-DUP1)	Source:	8112111-04	Prepared: 11/18/18	Analyzed: 11/27/18		
Chloroprene	2.45	ppbv	2.39	2.27	25	
Duplicate (B8K2705-DUP2)	Source:	8112111-05	Prepared: 11/18/18	Analyzed: 11/28/18		
Chloroprene	2.36	ppbv	2.30	2.21	25	
Duplicate (B8K2705-DUP3)	Source:	8112631-03	Prepared: 11/21/18	Analyzed: 11/28/18		
Chloroprene	1.02	ppbv	1.07	5.57	25	
Duplicate (B8K2705-DUP4)	Source:	8112631-04	Prepared: 11/21/18	Analyzed: 11/28/18		
Chloroprene	1.04	ppbv	1.03	0.770	25	
Batch B8L1506 - Summa Canister	Prep					
Blank (B8L1506-BLK1)	,		Prepared & Analyzed: 12/15/18			
Chloroprene	ND	ppbv				U
Duplicate (B8L1506-DUP1)	Source:	8112701-06	Prepared: 11/24/18	Analyzed: 12/15/18		
Chloroprene	0.154	ppbv	0.15	1.97	25	
Duplicate (B8L1506-DUP2)	Source:	8112901-01	Prepared: 11/24/18	Analyzed: 12/16/18		
Chloroprene	0.145	ppbv	0.14	1.04	25	
Duplicate (B8L1506-DUP3)	Source:	8120423-01	Prepared: 11/30/18	Analyzed: 12/16/18		
Chloroprene	0.756	ppbv	0.72	4.93	25	
Duplicate (B8L1506-DUP4)	Source:	8120423-02	Prepared: 11/30/18	Analyzed: 12/16/18		
Chloroprene	0.732	ppbv	0.74	0.518	25	

Eastern Research Group

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U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-0

RTP, NC 27709

ATTN: Ms. Doris Chen & Ms. Fran Verhalen

PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 12/21/18 14:56

SUBMITTED: 11/19/18 to 12/04/18

AQS SITE CODE:

SITE CODE: Chloroprene

Analyte	Result	Units	% Difference	Limit (%)	Notes
Air Toxics by EPA Compendium M Sequence 1811042	lethod TO-15	- Quality Cor	ntrol		
Calibration Check (1811042-CCV1)	ı		Prepared & Analyze	ed: 11/19/18	
Chloroprene	2.30	ppbv	-7.1	30.00	
Sequence 1811064					
Calibration Check (1811064-CCV1)	ı		Prepared & Analyze	ed: 11/27/18	
Chloroprene	2.64	ppbv	6.2	30.00	
Sequence 1812025					
Calibration Check (1812025-CCV1)	1		Prepared & Analyze	ed: 12/15/18	
Chloroprene	2.48	vdaa	-0.2	30.00	



U.S. Environmental Protection Agency - OAQPS FILE #: 0344.00

109 T.W. Alexander Drive, Mail Code: C304-0 **REPORTED:** 12/21/18 14:56

RTP, NC 27709 SUBMITTED: 11/19/18 to 12/04/18

ATTN: Ms. Doris Chen & Ms. Fran Verhalen AQS SITE CODE:

PHONE: (919) 541-4957 **FAX:** - **SITE CODE:** Chloroprene

Notes and Definitions

U Under Detection Limit
ND Analyte NOT DETECTED

NR Not Reported

MDL Method Detection Limit
RPD Relative Percent Difference

Note: The test results meet all requirements of NELAC; however the following analytes are not accredited: 1,2,4-trimethylbenzene, 1,2-dibromoethane, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-butadiene, acetylene, acrolein, bromochloromethane, bromodichloromethane, bromoform, carbon disulfide, dibromochloromethane, dichlorodifluoromethane, dichlorotetrafluoroethane, ethyl tert butyl ether, ethylene oxide, hexachloro-1,3-butadiene, octane, propylene, tert amyl methyl ether, tetrachloroethylene, tran-1,2-dichloroethylene, trchlorofluoromethane, and trichlorotrufluoroethane.